

Certified Validation Report Template, Part A: Provided by Validator

Audit Information

Water System Name: AWA - Buckhorn

Public Water System Identification (PWSID)¹: CA0310012

¹List only 1 PWSID, which should match the PWSID on the FWAS Instructions Tab. For Special cases where multiple water systems are connected with permanent two-way interties, list those additional PWSIDs in the **Notes** below and describe the water distribution system(s) configuration.

PWSID and Water System Configuration Notes (Provided to Validator by Water System):

Audit Period: CY2020

Validation Date: 8/11/2021

Sufficient Supporting Documents Provided: Yes

Water System Representatives

Andrea Hinton, Rick Ferriera, Joel Mottishaw

Validation Findings & Confirmation Statement

Key Audit Metrics:

Data Validity Score: 58	Data Validity Band (Level): Band III (51-70)	Real Loss: 1,195 gal / mile / day
Non-revenue water as percent of cost of operating system: 1.2%	Apparent Loss: 5.5 gal / conn / day	ILI: 1.81

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

If not, rejected recommendations are included here:

Validator Information

Water Audit Validator: Kris Williams Qualifications: Water Audit Validator Certificate issued by the CA-NV Section of the AWWA



Certified Validation Report Template, Part B: Provided by Utility

Water System Name: AWA-Buckhorn

Public Water System Identification (PWSID)²: CA 0310012

²List only 1 PWSID, which should match the PWSID on the FWAS Instructions Tab. For Special cases where multiple water systems are connected with permanent two-way interties, those additional PWSIDs should have been listed in the Notes section on Page 1 by the Validator.

Water Audit & Water Loss Improvement Steps:

1. Steps Taken: Water System to identify steps taken in the preceding 3 years to increase data validity, reduce real loss, and reduce apparent loss as informed by the annual validated water audit:

AWA needs to implement their large meter calibration policy and set up a meter replacement project or at least ben test a certain amount of meters per year. They have contracted with two separate firms to conduct a Rate Study as well as a water and wastewater Master Plan. This will help put the rates in place to make the necessary infrastructure changes.

2. Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audit and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)

Rick Ferriera

Executive Position

Operations and Engineering Manager

Signature



Date

9/27/2021

Utility Provided